



MicroComm



ICE 302 Series Intercom Stations

Description

ICE-302 intercom stations are half-duplex 25V/4-wire intercoms that are compatible with DXI SAB-300 station audio boards and DXL SCC-300 station control cards, as well as other industry standard 25V/4-wire systems. The microphone/loudspeaker is an 8-ohm speaker, aluminium cone for the 1-gang version and mylar cone for the 2 and 3 gang versions.

These stations are designed for installation in high security areas and for superb audio clarity in reverberant acoustic environments. Stations are 1 gang, 2 gang or 3 gang and can be ordered with 0, or 1 vandal resistant or piezo switch for the 1 gang or 0, 1, or 2 vandal resistant or piezo switches for the 2 and 3 gang versions. Intercom stations that require non-standard features are also available by custom order.

Features

- half duplex audio channel to the intercom master
- steel offset grille baffle plate protects the speaker from physical damage
- 11 ga heavy-duty brushed stainless steel faceplate
- 8-ohm mylar cone loudspeaker/microphone with the 2 and 3 gang stations
- 8-ohm aluminium cone loudspeaker/microphone with the 1 gang stations
- choice of 0, 1, or 2 vandal resistant or piezo long life switches with the 2 or 3 gang stations
- choice of 0 or 1 vandal resistant or piezo long life switch with the 1 gang station
- stainless steel hardware provides protection for exterior installations
- compatible with all standard #6-32 mounting hardware allowing any type of security screw to be used
- compatible with industry standard 25V/4-wire intercoms
- multi tap transformer provides output power levels of 1, 0.5 or 0.25 watts

Specifications

Physical

1-gang	4.5" H x 2.75" W x 2.0" D (114 x 114 x 51 mm)
2-gang	4.5" H x 4.5" W x 1.5" D (114 x 114 x 38 mm)
3-gang	4.5" H x 6.4" W x 1.5" D (114 x 163 x 38 mm)
Faceplate	11 ga stainless steel



Environmental

Exterior	-40 to 122 °F (-40 to 50 °C)
Storage Temperature	-40 to 158 °F (-40 to 70 °C)
Humidity	0 to 95 % non-condensing
Switch Lifetime	1 million operations

Loudspeaker

1 gang	1" (25 mm) aluminium cone
2 gang, 3 gang	2.5" (64 mm) mylar cone

Loudspeaker Level

1-gang	78 SPL at 1 m at 1 W
2 gang, 3 gang	85 dB SPL at 1 m at 1 W

Field Connections

audio	pigtail terminations
vandal resistant switch	screw terminals
piezo switch	pigtail terminations

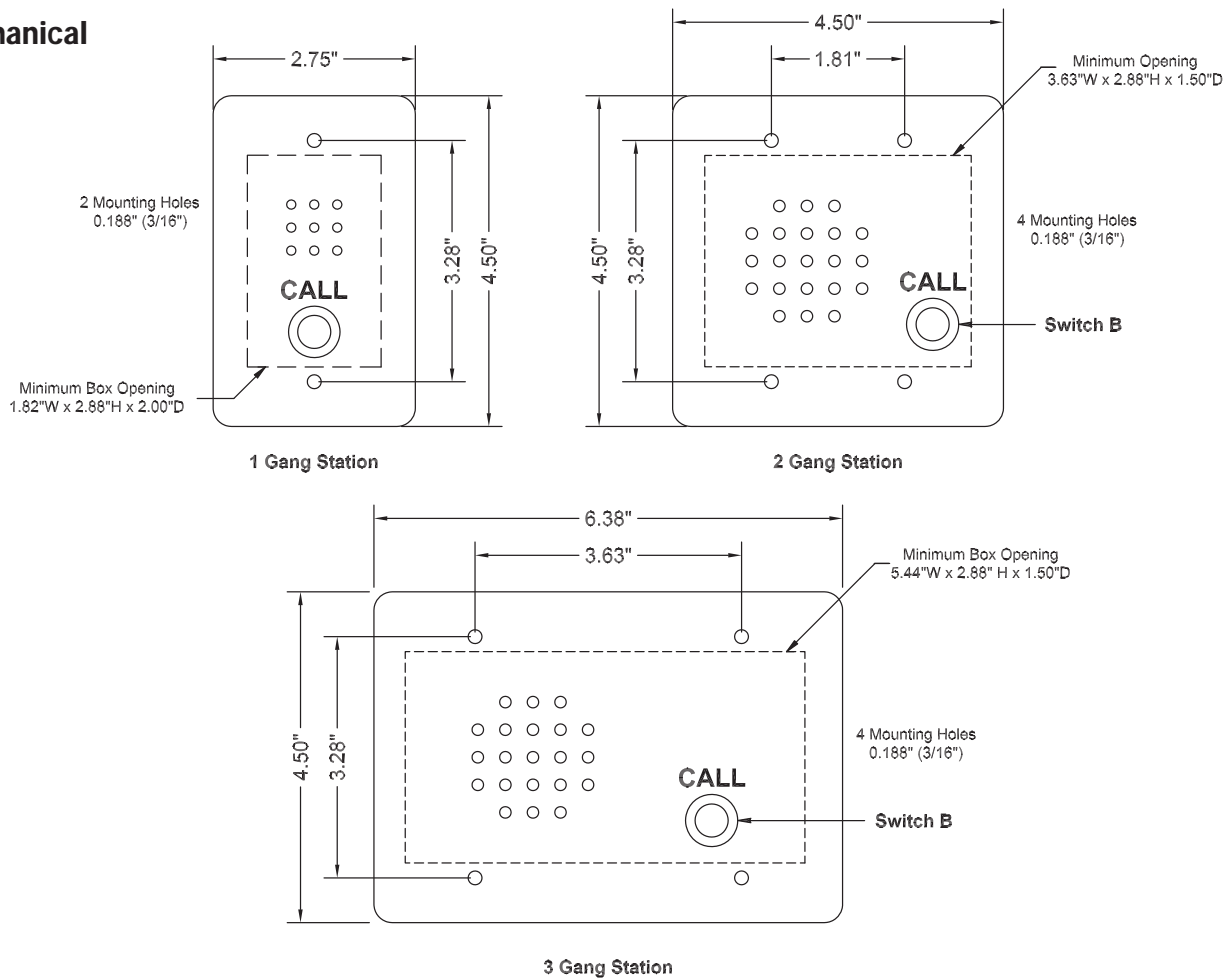
Cabling

audio	22 ga shielded twisted pair
switch	22 ga twisted pair
	2500 ft (750 m) maximum

Matching transformer

line voltage	25 Vrms
power taps	1 watt orange
	0.5 watt yellow
	0.25 watt green

Mechanical



Ordering Information (Standard)

Part number ICE-ABC-DEF-GHI

- A intercom series
 - 3 300 series (4 wire)
- B back box size
 - 1 1 gang
 - 2 2 gang
 - 3 3 gang
- C series compatibility
 - 2 302 series
- D faceplate options
 - 2 11 gauge
 - 3 11 gauge - labeled "Call"
- E environmental
 - 2 exterior
- F switch B options
 - 0 none
 - 6 piezo
 - 7 vandal resistant
- G switch A options*
 - 0 none
 - 6 piezo
 - 7 vandal resistant

- H reserved
 - 0
- I reserved
 - 0

* must be 0 on 1 gang

Ordering Information (Custom)

Part number ICE-ABC-DEF-GHI

- A intercom series
 - 3 300 series
- B back box size
 - 1 1 gang
 - 2 2 gang
 - 3 3 gang
 - 9 custom
- C series compatibility
 - 2 302 series
- DEF custom model identifier
 - CUS custom
- GHI identifier
 - 000-999 unique number assigned by factory

